

Bellows suction cups (round)

FSG 42 SI-MD-55 G1/4-AG



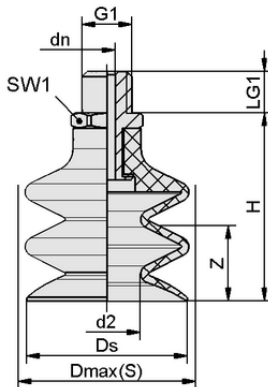
Art.-Nr.: 10.01.06.05723



Technical data

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Size	42.00
Number of folds	2.5
Connection	G1/4"-M
Nipple material	Aluminum
Material characteristics	FDA-compatible

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Design data

Attribute	Value
Height H	50.00 mm
Nominal diameter dn	4.40 mm
d2	17.8 mm
Thread G1	G1/4"-M
Thread length LG1	11.0 mm
Key width SW1	17.0 mm
Spring stroke Z	20.0 mm
Diameter Ds	42.6 mm
Diameter Dmax(S)	45.0 mm

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**Technical data**

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	75.0 mm
Pull-off force	44.00 N
Suction force (-600mbar)	14.93 N
Weight	27.0 g
Volume	19.786 cm ³
Size	42.00
Number of folds	2.5
Product family	FSG
Connection	G1/4-AG

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.06.05723

**Ordering Data Spare Parts 10.01.06.05723**

Typ		Item number
Bellows suction cup (round)	FG 42 SI-MD-55 N018	10.01.06.04286
Suction cup connection nipple	SA-NIP N018 G1/4-AG DN440	10.01.06.01065

